

Bradley, Megan

From: Sun, Xiaoyin <xsun@pa.gov>
Sent: Tuesday, March 1, 2016 3:02 PM
To: duke, gerallyn
Subject: PSD Determination - Step 1 Question

Hello Gerallyn,

I need your help.

Braskem (OP No. 23-00012) is a major facility for VOC emissions.

I am reviewing Braskem Plan Approval application for increasing its polypropylene production. Braskem purchase steam from FPL Energy – Marcus Hook (TVOP No. 23-00089). This project will result in steam demand increase.

My questions are:

How does Braskem calculate BAE and PAE from the steam demand (Step 1) for the project? Should the emission increases based on Braskem's steam usage or FPL's total steam production?

If FPL's production is used for Step 1, should it include other increases from the facilities that FPL serves?

If FPL's production is not used for Step 1, what should we include in our review memo regarding FPL's emissions? (I do not think that the project will make FPL trigger PSD or NSR.)

Thanks.

Xiaoyin Sun | Engineering Specialist
Department of Environmental Protection
Southeast Regional Office
2 East Main Street | Norristown, PA 19401
Phone: 484.250.5072 | Fax: 484.250.5921
www.depweb.state.pa.us